

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Title V, Construction / Operating

Permit: V-08-036

Philips Lighting, LLC

320 Vaksdahl Ave

Danville KY, 40422

03/05/2009

Zari Hariri, Permit Reviewer

SOURCE ID: 21-021-00001

AGENCY INTEREST: 380

ACTIVITY: APE20080001

SOURCE DESCRIPTION:

Philips Lighting operates a glass manufacturing plant in Danville, Kentucky. Philips has three separate production lines for manufacturing three different types of glass: soda lime glass (commonly referred to as "lime glass" in application documents), lead glass, and hard glass. Recently, Philips Lighting Company decided to shut down the lime glass production line in Danville, effective January 2008.

Philips has taken several steps since January 2008 to either disassemble or otherwise deem inoperable all emission points associated with the lime glass production line. Of particular importance is the lime furnace. Philips has suggested that this furnace be removed from the Title V operating permit to be issued by DAQ. The shutdown of this furnace represents a significant decrease in criteria pollutant emissions from the factory; this decrease could be used to offset possible emissions increases at Philips during the next 5 years to preclude applicability of Prevention of Significant Deterioration (PSD).

On March 16, 2008, the source applied to the Division for the permit renewal for the facility located in Denville, Kentucky. The application requested a change in the permit for the removal of the Lime Glass line from the permit. Most of the idle equipments associated with the lime glass production line have already been removed out. The furnace will not be removed due to the cost of dismantling it. The lime glass line includes following equipments:

- EP 01: Lime Glass Mixing and Handling
- EP 03: Lime Glass Melt Furnace
- EP 06: Bulb Forming
- EP 07: Mold Coat Spray
- EP 08: Mold Cleaning Tank
- EP 13: Lime Cullet Conveying
- EP 17: Lehr Ovens
- EP 032: Mold Cleaning Tank

All of the emission points listed above have been physically removed from the plant, with two exceptions: the Lime Glass Melt Furnace and the Lehr Ovens (EP 03 and EP 17). The lime glass melt furnace (EP 03) has been shutdown and disabled. Per the facility, no equipment has been added since last permit.

U.S. EPA REVIEW:

The U.S. EPA was notified of the issuance of the proposed permit on January 12, 2009 via e-mail. The comment period expired 45 days from the date of e-mail. No comments were received during this period. The permit is now being issued final.